```
DDDDDDDDDD      RRRRRRRRRRR      IIIIIIIII      VVV          VVV    EEEEEEEEEEEEEEE    RRRRRRRRRRR
DDDDDDDDDD      RRRRRRRRRRR      IIIIIIIII      VVV          VVV    EEEEEEEEEEEEEEE    RRRRRRRRRRR
DDDDDDDDDD      RRRRRRRRRRR      IIIIIIIII      VVV          VVV    EEEEEEEEEEEEEEE    RRRRRRRRRRR
DDD      DDD    RRR      RRR        III         VVV          VVV    EEE                RRR      RRR
DDD      DDD    RRR      RRR        III         VVV          VVV    EEE                RRR      RRR
DDD      DDD    RRR      RRR        III         VVV          VVV    EEE                RRR      RRR
DDD      DDD    RRR      RRR        III         VVV          VVV    EEE                RRR      RRR
DDD      DDD    RRR      RRR        III         VVV          VVV    EEE                RRR      RRR
DDD      DDD    RRRRRRRRRRR         III         VVV          VVV    EEEEEEEEEEE        RRRRRRRRRRR
DDD      DDD    RRRRRRRRRRR         III         VVV          VVV    EEEEEEEEEEE        RRRRRRRRRRR
DDD      DDD    RRRRRRRRRR          III         VVV          VVV    EEEEEEEEEEE        RRRRRRRRRR
DDD      DDD    RRR   RRR           III         VVV          VVV    EEE                RRR   RRR
DDD      DDD    RRR    RRR          III         VVV          VVV    EEE                RRR    RRR
DDD      DDD    RRR     RRR         III         VVV          VVV    EEE                RRR     RRR
DDD      DDD    RRR      RRR        III           VVV      VVV      EEE                RRR      RRR
DDD      DDD    RRR      RRR        III           VVV      VVV      EEE                RRR      RRR
DDD      DDD    RRR      RRR        III           VVV      VVV      EEE                RRR      RRR
DDDDDDDDDD      RRR      RRR     IIIIIIIII            VVV           EEEEEEEEEEEEEEE    RRR      RRR
DDDDDDDDDD      RRR      RRR     IIIIIIIII            VVV           EEEEEEEEEEEEEEE    RRR      RRR
DDDDDDDDDD      RRR      RRR     IIIIIIIII            VVV           EEEEEEEEEEEEEEE    RRR      RRR
```

FILEID**PUDRIVER

```
PPPPPPPP   UU      UU  DDDDDDD    RRRRRRRR    IIIIII   VV      VV  EEEEEEEEEE  RRRRRRRR
PPPPPPPP   UU      UU  DDDDDDD    RRRRRRRR    IIIIII   VV      VV  EEEEEEEEEE  RRRRRRRR
PP    PP   UU      UU  DD    DD   RR    RR      II     VV      VV  EE          RR    RR
PP    PP   UU      UU  DD    DD   RR    RR      II     VV      VV  EE          RR    RR
PP    PP   UU      UU  DD    DD   RR    RR      II     VV      VV  EE          RR    RR
PP    PP   UU      UU  DD    DD   RR    RR      II     VV      VV  EE          RR    RR
PPPPPPPP   UU      UU  DD    DD   RRRRRRRR      II     VV      VV  EEEEEEEE    RRRRRRRR
PPPPPPPP   UU      UU  DD    DD   RRRRRRRR      II     VV      VV  EEEEEEEE    RRRRRRRR
PP         UU      UU  DD    DD   RR  RR        II     VV      VV  EE          RR  RR
PP         UU      UU  DD    DD   RR  RR        II     VV      VV  EE          RR  RR
PP         UU      UU  DD    DD   RR    RR      II       VV  VV    EE          RR    RR
PP         UU      UU  DD    DD   RR    RR      II       VV  VV    EE          RR    RR   ....
PP         UUUUUUUUUU  DDDDDDD    RR    RR    IIIIII       VV      EEEEEEEEEE   RR    RR   ....
PP         UUUUUUUUUU  DDDDDDD    RR    RR    IIIIII       VV      EEEEEEEEEE   RR    RR   ....


MM      MM    AAAAAA     PPPPPPPP
MM      MM    AAAAAA     PPPPPPPP
MMMM  MMMM   AA    AA    PP    PP
MMMM  MMMM   AA    AA    PP    PP
MM  MM  MM   AA    AA    PP    PP
MM  MM  MM   AA    AA    PP    PP
MM      MM   AA    AA    PPPPPPPP
MM      MM   AA    AA    PPPPPPPP
MM      MM   AAAAAAAAAA  PP
MM      MM   AAAAAAAAAA  PP
MM      MM   AA    AA    PP
MM      MM   AA    AA    PP
MM      MM   AA    AA    PP
MM      MM   AA    AA    PP
```

```
+------------------------------+
! Object Module Synopsis !
+------------------------------+
```

Module Name	Ident	Bytes	File	Creation Date	Creator
PUDRIVER	V04-000	5105	_255DUA28:[DRIVER.OBJ]DRIVER.OLB;1	16-SEP-1984 01:05	VAX/VMS Macro V04-00
SYS	V04-000	0	_255DUA28:[SYSOBJ]SYS.STB;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
SYS$IODEF	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	VAX/VMS Macro V04-00

+-----------------------------+
! Image Section Synopsis !
+-----------------------------+

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	2	10	00000000	2	0	READ WRITE COPY ON REF				

        Key for special characters above:
                +--------------------+
                ! R - Relocatable !
                ! P - Protected   !
                +--------------------+

```
                              +-------------------------------+
                              ! Program Section Synopsis !
                              +-------------------------------+
```

Psect Name	Module Name	Base	End	Length		Align	Attributes
$$$105_PROLOGUE		00000000	0000005B	0000005C (	92.)	BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	PUDRIVER	00000000	0000005B	0000005C (	92.)	BYTE 0	
$$$115_DRIVER		0000005C	000013F0	00001395 (	5013.)	LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD, WRT,NOVEC
	PUDRIVER	0000005C	000013F0	00001395 (	5013.)	LONG 2	

```
                          +------------------------------+
                          ! Symbol Cross Reference !
                          +------------------------------+


Symbol                Value              Defined By        Referenced By ...
------                -----              ----------        -----------------
BUG$_UDAPORT          000005D8           SYS               PUDRIVER
BUG$_UNSUPRTCPU       00000670           SYS               PUDRIVER
DEV$M_AVL             00040000           SYS$IODEF         PUDRIVER
DEV$M_ELG             00400000           SYS$IODEF         PUDRIVER
DEV$M_IDV             04000000           SYS$IODEF         PUDRIVER
DEV$M_ODV             08000000           SYS$IODEF         PUDRIVER
DEV$M_SHR             00010000           SYS$IODEF         PUDRIVER
ERL$DEVICEATTN        8000CA97           SYS               PUDRIVER
ERL$LOGMESSAGE        8000CB8A           SYS               PUDRIVER
EXE$ALONONPAGED       8000A901           SYS               PUDRIVER
EXE$ALOPHYCNTG        8000AD64           SYS               PUDRIVER
EXE$GB_CPUTYPE        80003FA0           SYS               PUDRIVER
EXE$GL_ABSTIM         80002B38           SYS               PUDRIVER
EXE$GL_TENUSEC        80002C50           SYS               PUDRIVER
EXE$GL_UBDELAY        80002C54           SYS               PUDRIVER
EXE$GQ_SYSTIME        80002B40           SYS               PUDRIVER
EXE$IOFORK            8000A044           SYS               PUDRIVER
EXE$SNDEVMSG          80001A24           SYS               PUDRIVER
EXE$ZEROPARM          800094CF           SYS               PUDRIVER
FPC$ACCEPT            00000D57-R         PUDRIVER
FPC$ALLOCDG           00000D57-R         PUDRIVER
FPC$ALLOCMSG          00000E8A-R         PUDRIVER
FPC$CONNECT           00000D7D-R         PUDRIVER
FPC$DCONNECT          00000E4D-R         PUDRIVER
FPC$DEALLOCDG         00000D57-R         PUDRIVER
FPC$DEALLOMSG         00000EF1-R         PUDRIVER
FPC$DEALRGMSG         00000EEC-R         PUDRIVER
FPC$MAINTFCN          00000D57-R         PUDRIVER
FPC$MAP               00000D57-R         PUDRIVER
FPC$MAPBYPASS         00000D57-R         PUDRIVER
FPC$MAPIRP            0000103A-R         PUDRIVER
FPC$MAPIRPBYP         00000D57-R         PUDRIVER
FPC$MAPIRP_BDA        0000118B-R         PUDRIVER
FPC$MAPIRP_UV1        00001070-R         PUDRIVER
FPC$MRESET            00000D5B-R         PUDRIVER
FPC$MSTART            00000D67-R         PUDRIVER
FPC$QUEUEDG           00000EF9-R         PUDRIVER
FPC$QUEUEMDGS         00000D57-R         PUDRIVER
FPC$RCHMSGBUF         00000F4F-R         PUDRIVER
FPC$RCLMSGBUF         00000F8E-R         PUDRIVER
FPC$READCOUNT         00000D57-R         PUDRIVER
FPC$REJECT            00000D57-R         PUDRIVER
FPC$REQDATA           00000D57-R         PUDRIVER
FPC$RLSCOUNT          00000D57-R         PUDRIVER
FPC$SENDDATA          00000D57-R         PUDRIVER
FPC$SENDDG            00000D57-R         PUDRIVER
FPC$SENDMSG           00000D57-R         PUDRIVER
FPC$SENDRGDG          00000D57-R         PUDRIVER
FPC$SNDCNTMSG         00000FCD-R         PUDRIVER
```

Symbol	Value	Defined By	Referenced By ...
FPC$S1OP_VCS	00000D57-R	PUDRIVER	
FPC$UNMAP	0000118C-R	PUDRIVER	
FPC$UNMAP_BDA	00001219-R	PUDRIVER	
FPC$UNMAP_UV1	000011BE-R	PUDRIVER	
INI$BRK	8000EB63	SYS	PUDRIVER
INIT_CTLR	00000289-R	PUDRIVER	
IOC$ALLOSPT	8000D39C	SYS	PUDRIVER
IOC$ALOUBMAPRM	8000D1C6	SYS	PUDRIVER
IOC$LOADUBAMAP	8000DB65	SYS	PUDRIVER
IOC$LUBAUDAMAP	8000DC2B	SYS	PUDRIVER
IOC$MNTVER	8000CF43	SYS	PUDRIVER
IOC$PURGDATAP	80003550	SYS	PUDRIVER
IOC$RELDATAPUDA	8000CFF9	SYS	PUDRIVER
IOC$RELMAPUDA	8000D270	SYS	PUDRIVER
IOC$REQCOM	8000CEB4	SYS	PUDRIVER
IOC$REQDATAP	8000CF79	SYS	PUDRIVER
IOC$REQDATAPUDA	8000CF99	SYS	PUDRIVER
IOC$REQMAPUDA	8000D065	SYS	PUDRIVER
IOC$REQPCHANL	8000CE5B	SYS	PUDRIVER
IOC$RETURN	8000D355	SYS	PUDRIVER
IOC$THREADCRB	8000D94D	SYS	PUDRIVER
IOC$WFIKPCH	8000D356	SYS	PUDRIVER
MMG$GL_SPTBASE	80003F3C	SYS	PUDRIVER
PU$CTLINIT	00000288-R	PUDRIVER	
PU$DDT	0000005C-R	PUDRIVER	
PU$INT	0000125D-R	PUDRIVER	
PU$SCSOFFSET	00000240-R	PUDRIVER	
PU$UNITINIT	0000027E-R	PUDRIVER	
SCS$DEALL_CDT	80003714	SYS	PUDRIVER
SCS$GB_UDABURST	80003D86	SYS	PUDRIVER
SCS$GQ_CONFIG	800036B0	SYS	PUDRIVER
SCS$RESUMEWAITR	8000373E	SYS	PUDRIVER
SYS$GL_OPRMBX	800015D0	SYS	PUDRIVER
SYS$K_VERSION	48513258	SYS	

```
+--------------------+
! Symbols By Value !
+--------------------+
```

Value   Symbols...
-----   ----------
0000005C   R-PU$DDT
00000240   R-PU$SCSOFFSET
0000027E   R-PU$UNITINIT
00000288   R-PU$CTLINIT
00000289   R-INIT_CTLR
000005D8   BUG$_UDAPORT
00000670   BUG$_UNSUPRTCPU
00000D57   R-FPC$ACCEPT   R-FPC$ALLOCDG   R-FPC$DEALLOCDG   R-FPC$MAINTFCN   R-FPC$MAP   R-FPC$MAPBYPASS
                  R-FPC$MAPIRPBYP   R-FPC$QUEUEMDGS   R-FPC$READCOUNT   R-FPC$REJECT   R-FPC$REQDATA   R-FPC$RLSCOUNT
                  R-FPC$SENDDATA   R-FPC$SENDDG   R-FPC$SENDMSG   R-FPC$SENDRGDG   R-FPC$STOP_VCS
00000D5B   R-FPC$MRESET
00000D67   R-FPC$MSTART
00000D7D   R-FPC$CONNECT
00000E4D   R-FPC$DCONNECT
00000E8A   R-FPC$ALLOCMSG
00000EEC   R-FPC$DEALRGMSG
00000EF1   R-FPC$DEALLOMSG
00000EF9   R-FPC$QUEUEDG
00000F4F   R-FPC$RCHMSGBUF
00000F8E   R-FPC$RCLMSGBUF
00000FCD   R-FPC$SNDCNTMSG
0000103A   R-FPC$MAPIRP
00001070   R-FPC$MAPIRP_UV1
0000118B   R-FPC$MAPIRP_BDA
0000118C   R-FPC$UNMAP
000011BE   R-FPC$UNMAP_UV1
00001219   R-FPC$UNMAP_BDA
0000125D   R-PU$INT
00010000   DEV$M_SHR
00040000   DEV$M_AVL
00400000   DEV$M_ELG
04000000   DEV$M_IDV
08000000   DEV$M_ODV
48513258   SYS$K_VERSION
800015D0   SYS$GL_OPRMBX
80001A24   EXE$SNDEVMSG
80002B38   EXE$GL_ABSTIM
80002B40   EXE$GQ_SYSTIME
80002C50   EXE$GL_TENUSEC
80002C54   EXE$GL_UBDELAY
80003550   IOC$PURGDATAP
80003680   SCS$GQ_CONFIG
80003714   SCS$DEALL_CDT
8000373E   SCS$RESUMEWAITR
80003DB6   SCS$GB_UDABURST
80003F3C   MMG$GL_SPTBASE
80003FA0   EXE$GB_CPUTYPE
800094CF   EXE$ZEROPARM
8000A044   EXE$IOFORK

Value   Symbols...
-----   ----------
8000A901   EXE$ALONONPAGED
8000AD64   EXE$ALOPHYCNTG
8000CA97   ERL$DEVICEATTN
8000CB8A   ERL$LOGMESSAGE
8000CE5B   IOC$REQPCHANL
8000CEB4   IOC$REQCOM
8000CF43   IOC$MNTVER
8000CF79   IOC$REQDATAP
8000CF99   IOC$REQDATAPUDA
8000CFF9   IOC$RELDATAPUDA
8000D065   IOC$REQMAPUDA
8000D1C6   IOC$ALOUBMAPRM
8000D270   IOC$RELMAPUDA
8000D355   IOC$RETURN
8000D356   IOC$WFIKPCH
8000D39C   IOC$ALLOSPT
8000D94D   IOC$THREADCRB
8000DB65   IOC$LOADUBAMAP
8000DC2B   IOC$LUBAUDAMAP
8000EB63   INI$BRK

        Key for special characters above:
        +----------------------+
        ! * - Undefined   !
        ! U - Universal   !
        ! R - Relocatable   !
        ! X - External   !
        +----------------------+

B 4

```
                                        +------------------+
                                        ! Image Synopsis !
                                        +------------------+

Virtual memory allocated:                 00000000 000013FF 00001400 (5120. bytes, 10. pages)
Stack size:                                         0. pages
Image header virtual block limits:                  1.           1. (      1. block)
Image binary virtual block limits:                  0.           0. (      0. blocks)
Image name and identification:            PUDRIVER V04-000
Number of files:                                    4.
Number of modules:                                  3.
Number of program sections:                         5.
Number of global symbols:                          82.
Number of cross references:               125.
Number of image sections:                           1.
Image type:                               NOPIC, SHAREABLE. Global Section Match=EQUAL, Ident, Major=18, Minor=14968102
Map format:                               FULL WITH CROSS REFERENCE in file _$255$DUA28:[DRIVER.LIS]PUDRIVER.MAP;1
Estimated map length:                     33. blocks
                                        +----------------------+
                                        ! Link Run Statistics !
                                        +----------------------+

Performance Indicators                    Page Faults   CPU Time       Elapsed Time
----------------------                    -----------   --------       ------------
    Command processing:                          44     00:00:00.31    00:00:00.93
    Pass 1:                                       66     00:00:01.45    00:00:09.94
    Allocation/Relocation:                        10     00:00:00.13    00:00:00.62
    Pass 2:                                       21     00:00:00.48    00:00:02.25
    Map data after object module synopsis:        17     00:00:00.55    00:00:00.59
    Symbol table output:                           0     00:00:00.04    00:00:00.47
Total run values:                               158     00:00:02.96    00:00:14.80

Using a working set limited to 600 pages and 77 pages of data storage (excluding image)

Total number object records read (both passes):   274
    of which 79 were in libraries and 2 were DEBUG data records containing 76 bytes

Number of modules extracted explicitly            = 1
    with 1 extracted to resolve undefined symbols

5 library searches were for symbols not in the library searched

A total of 4 global symbol table records was written

LINK/USERLIB=PROC/NOSYSSHR/NOTRACEBACK/NODEBUG/SHARE=EXE$:PUDRIVER/CONTIGUOUS/MAP=MAP$:PUDRIVER/FULL/CROSS LIB$:DRIVER/INCLUDE=PUDRI
VER,EXSH:SYS.STB/SELECTIVE,SYS$INPUT/OPTION
BASE=0
```

XWDRIVER
MAP

RTTDRIVER
MAP

XADRIVER
MAP

TMDRIVER
MAP

XFDRIVER
MAP

TUDRIVER
MAP

XIDRIVER
MAP

MBXDRIVER
MAP

PUDRIVER
MAP

PADRIVER
MAP

XEDRIVER
MAP

XQDRIVER
MAP

DDCMPDEF
MDL

XGDEF
MDL

TMDRIVER
MAP

XDDRIVER
MAP

TSDRIVER
MAP

XGDRIVER
MAP

XMDRIVER
MAP

DUTUMAC
MAR

NODRIVER
MAP